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Module 10: Garden Ecology

Urban EcoLab

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Lesson Plan - M10_3

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LESSON #3: Creating a Vision for the Garden

OVERVIEW:

Now that students have good background knowledge on the various types of gardens and have chosen the type of garden for their site, the purpose of this Lesson 3 is to create a Vision for the garden site.

SUB-QUESTION:

In Lesson 2 students used a two-dimensional drawing of the site from Lesson 1 to identify areas where different garden types could be considered. Now students get to design the type of garden they envision for the site, such as an edible or native garden for example.

WAYS OF KNOWING URBAN ECOLOGY:

| <i>Students will...</i> | |
|--------------------------|---|
| <u>Understand</u> | . Identify the aspects of selected garden types |
| <u>Talk</u> | . Discuss the pros and cons and challenges of each type |
| <u>Do</u> | . Create an updated map specifying garden locations |
| <u>Act</u> | . Finalize the possibilities with school officials and determine when garden(s) can be put in on site |

SAFETY GUIDELINES:

Review field safety guidelines when taking students outside to do any site visit.

PREPARATION:

Time: 2 class periods

MATERIALS (enough for # groups @ 4 in each group):

Both Activities will require a writing implement (pencils preferred).

Activity 3.1 – Building Background - Review Other Garden Visions

- Flip chart paper and markers
- PowerPoint to identify outcomes of Vision
- Projector to show PowerPoint presentation
- “Garden Vision” note-taking graphic organizer to organize notes and design Vision (M10_L3_A3.1)

Activity 3.2 – 2D Drawing Assessment - Final

- Finalize which garden types would be appropriate
- 11x17 construction paper for drawing nice 2D site map of proposed garden(s)
- Drawing implements (markers, colored pencils)

INSTRUCTIONAL SEQUENCE:**Activity 3.1: (1 class period) – (Building Background on Other Garden Visions):****Step 1:**

- Put students into groups of 4
- Distribute graphic organizers
- Direct groups to discuss pros and cons of each type of garden from Lesson 2 and decide on a garden type and vision
- Share-out whole group
- Using a flip chart paper, chart pros and cons contributed of each garden type by each group

Step 2:

- Show 'Garden Vision' PowerPoint
- Answer questions, check for understanding, clarify information throughout presentation
- Reinforce the relevancy / connection to the school garden site

Step 3:

- On a flip chart paper, create a "Garden Types" t-chart with columns for the garden options
- Have the class vote on their choice(s)

Step 4:

- Solicit input from students on their Vision for the selected garden(s)

Activity 3.2 – 2D Drawing Assessment - Final

- Finalize which garden types would be appropriate
- Have students draw a final 2D garden site map of proposed garden(s) on 11x17 construction paper

Summary Notes / Conclusion: By the end of this Lesson 3, students will be able to (SWBAT):

- Identify aspects of a garden
- Work as a team
- Debate pros and cons with others
- Create a project Vision
- Draw a 2D site map

Lesson Standards Alignment (CA-NGSS): See Chart at Beginning of Module 10.

Lesson Adaptations and Extensions: See Chart at Beginning of Module 10.